

000049213

00211 RF 95



Department of Energy

ROCKY FLATS FIELD OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928

JAN 17 2 12 PM '95

ROCKY FLATS PLANT 95-DOE-08019
CORRESPONDENCE CONTROL

JAN 13 1995

DUE
DATE

ACTION

DIST.	LTR	ENC
BURLINGAME, A.H.		
BUSBY, W.S.		
CARNIVAL, G.J.		
CORDOVA, R.C.		
DAVIS, J.G.		
FENN, T.M.		
FERRERA, D.W.		
FRAY, R.E.		
FULTON, D.L.		
GEIS, J.A.		
GLOVER, W.S.		
GOLAN, P.M.		
HANNI, B.J.		
HEALY, T.J.		
HEDAH, T.G.		
HILBIG, J.G.		
HOLLOWELL, L.J.		
HUTCHINS, N.M.		
JACKSON, D.T.		
KELL, R.E.		
KUESTER, A.W.		
MARX, G.E.		
MCCART, D.		
MCDONALD, M.M.		
MCGOVERN, L.J.		
McKENNA, F.G.		
PAUKERT, J.G.		
PIZZUTO, V.M.		
POTTER, G.L.		
SATTERWHITE, D.G.		
SCHRADER, D.C.		
SCHUBERT, A.L.		
SCHWARTZ, J.K.		
SETLOCK, G.H.		
STIGER, S.G.		
VOORHEIS, G.M.		
Derlich		
Hollowell, S.		

Mr. Martin Hestmark
U. S. Environmental Protection Agency, Region VIII
ATTN: Rocky Flats Project Manager, 8HWM-FF
999 18th Street, Suite 500
Denver, Colorado 80202-2405

Mr. Joe Schieffelin
Hazardous Waste Facilities Unit Leader
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Gentlemen:

Enclosed is the test report for the Plasma Melter test work conducted by Lockheed for EG&G Idaho. EG&G Rocky Flats and the Department of Energy, Rocky Flats Field Office (DOE/RFFO) participated in this test work by providing a small soil sample for bench scale testing. While the Plasma Melter test work was not part of the required Site Wide Treatability Studies program, the report is provided to you for your information. While the text portion of the report is complete not all of the figures and illustrations were included in the report submitted to Rocky Flats. Still, the text provides a good summary of the work as it was conducted and provides the conclusions to this test work.

The objective of this test work focused on the behavior of plutonium and plutonium surrogates in the plasma melter testing and the distribution of plutonium surrogates in the final products. Based on the results of this study, more than 99 percent of the plutonium was contained in the slag formed during the melter operation. Very little, if any plutonium, was volatilized and released. The test work was carried out during the summer and fall of 1993.

DOE requests that you acknowledge the receipt of this report prior to January 27, 1995. If you have any questions please contact Norma Castaneda at 966-4226.

Sincerely,

Steven W. Slaten
Steven W. Slaten
IAG Project Coordinator
Environmental Restoration

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

CORRES. CONTROL ☒ ☒
ADMN RECORD/080 ☒ ☒
PATS/T130G

Reviewed for Addressee
Corres. Control RFP

1-17-95 JAO
DATE BY

Ref Ltr. #

DOE ORDER # 5400.1

Rec'd w/o enclosure

Enclosure

M. Hestmark & J. Schieffelin
95-DOE-08019

2

JAN 13 1995

cc w/Enclosure:

A. Duran, EPA

J. Ciocco, EM-453, HQ

cc w/o Enclosure:

M. Silverman, OOM, RFFO

R. Schassburger, ER, RFFO

N. Castaneda, ER, RFFO

M. Harris, SAIC

O. Erlich, EG&G

W. Busby, EG&G

S. Hollowell, EG&G